



## FIG. 1B





FIG. 1A



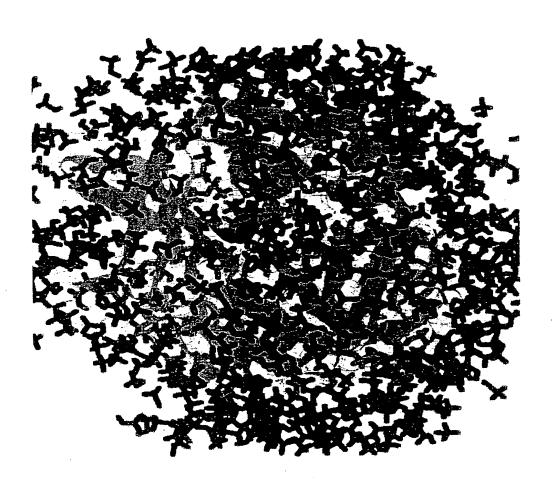


FIG.2A



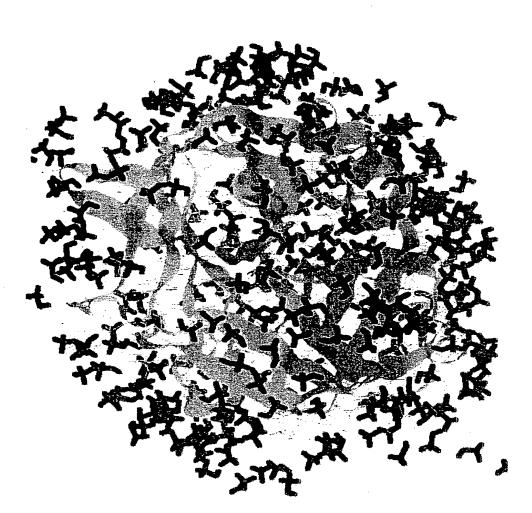


FIG.2B



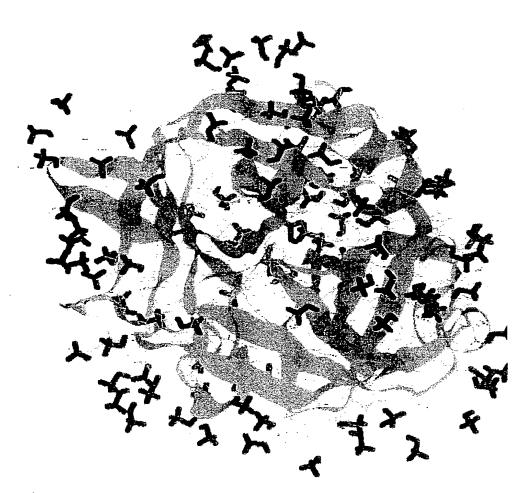


FIG.2C



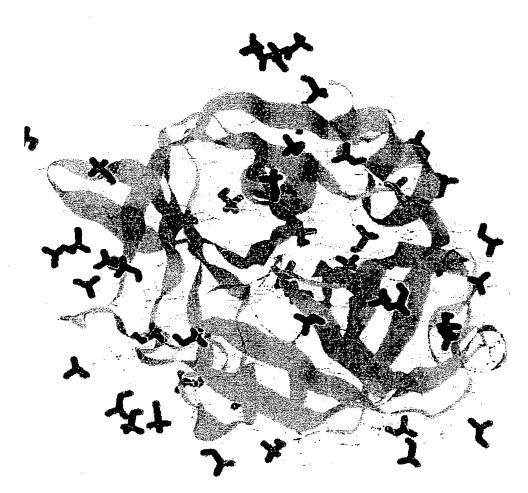


FIG.2D





FIG.3A



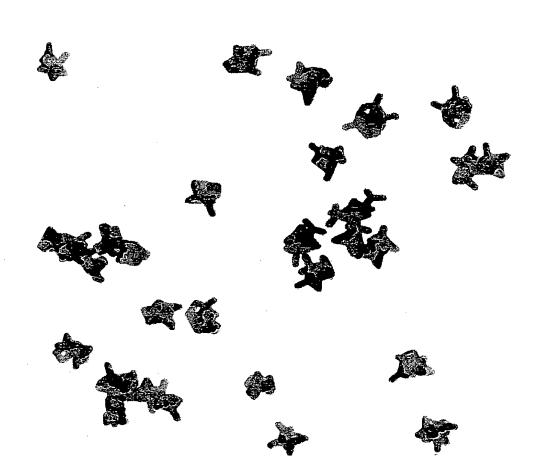


FIG.3B



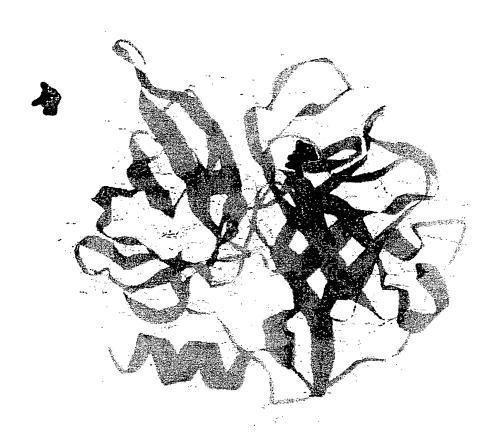


FIG.3C



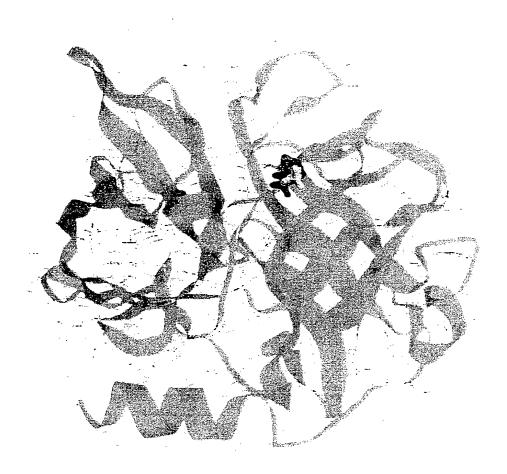


FIG.3D





FIG.3E

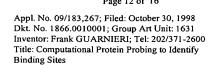




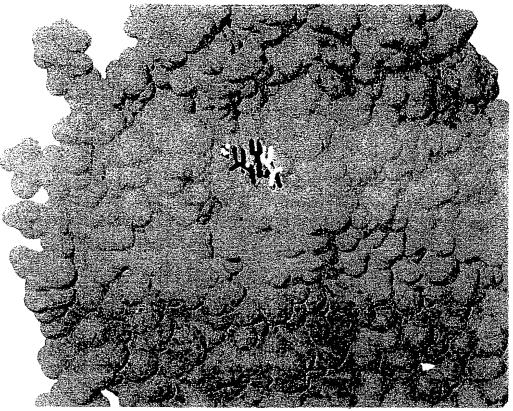


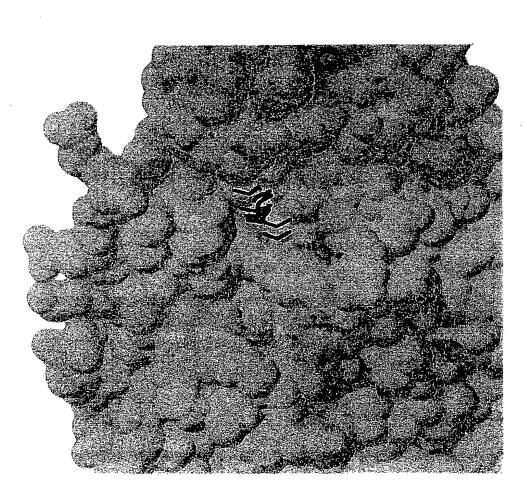














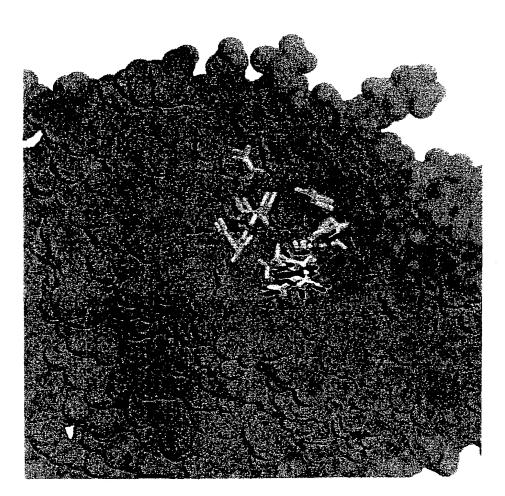
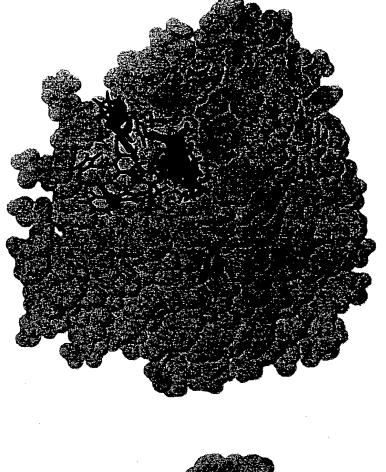


FIG.4C













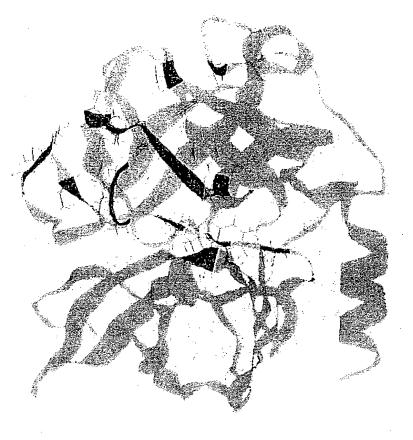
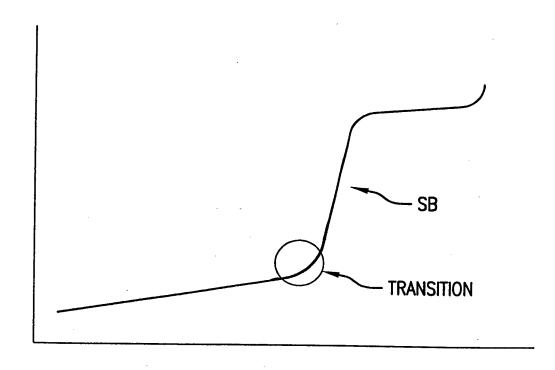




FIG.6A



DECREASING B



NUMBER OF BOUND WATER MOLECULES

FIG. 7